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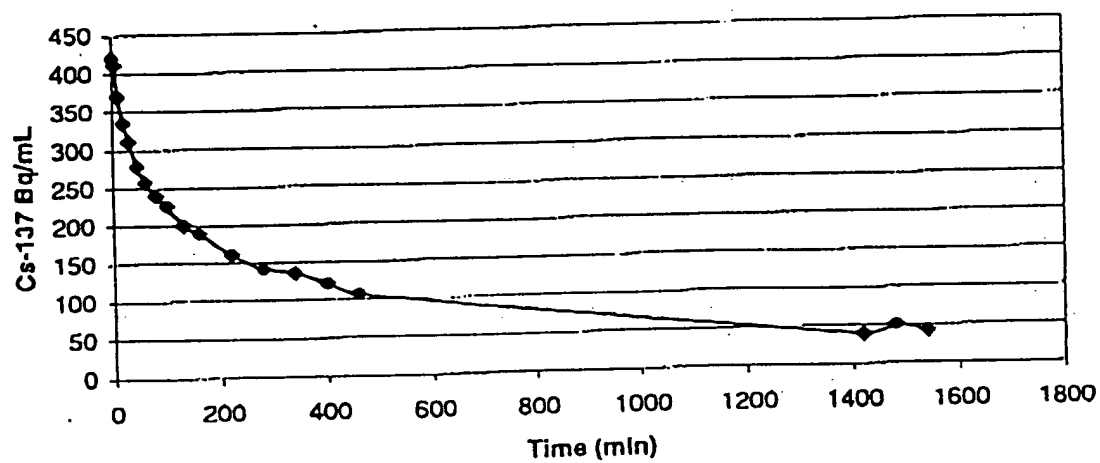
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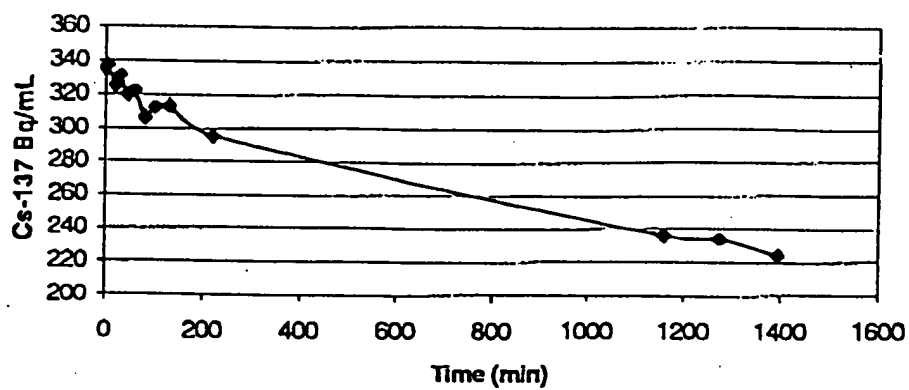
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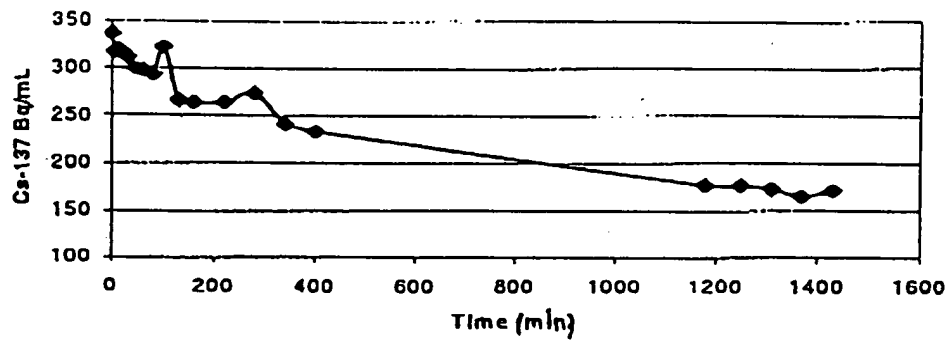
Block loaded with AMP, in a 0.2 M HNO₃ and 2 mg/L cesium

Figure 1



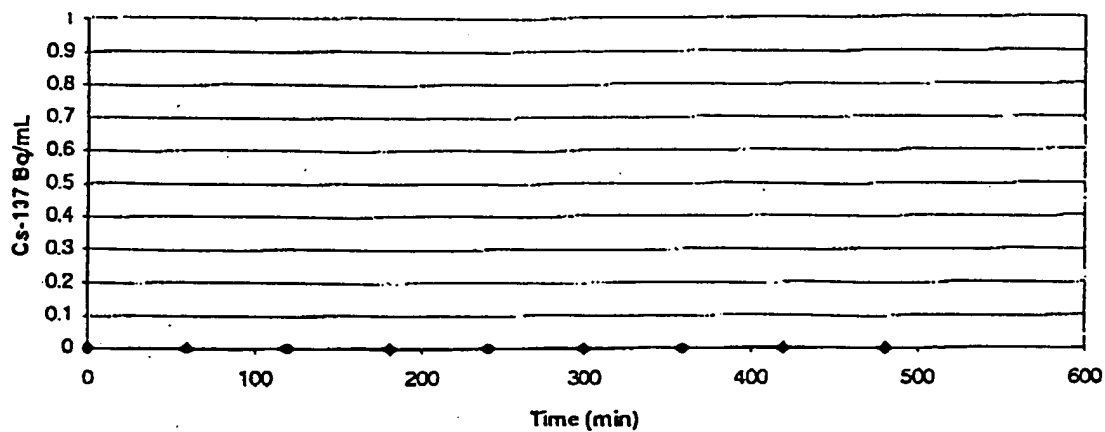
Block loaded with AMP, in a 2 M HNO₃ and 1000 mg/L cesium

Figure 2



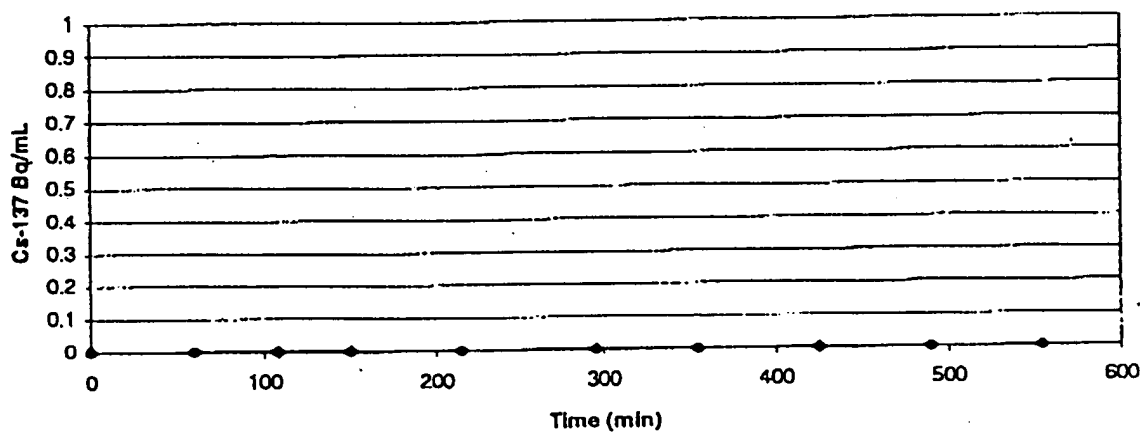
Block loaded with AMP, in a 1.5 M HNO₃ and 500 mg/L cesium

Figure 3



Cs-137 Breakthrough vs. Time
Block Loaded with AMP, Feed at 4 BV/hr, 1.5 M HNO₃ and 1 mg/L Cs.

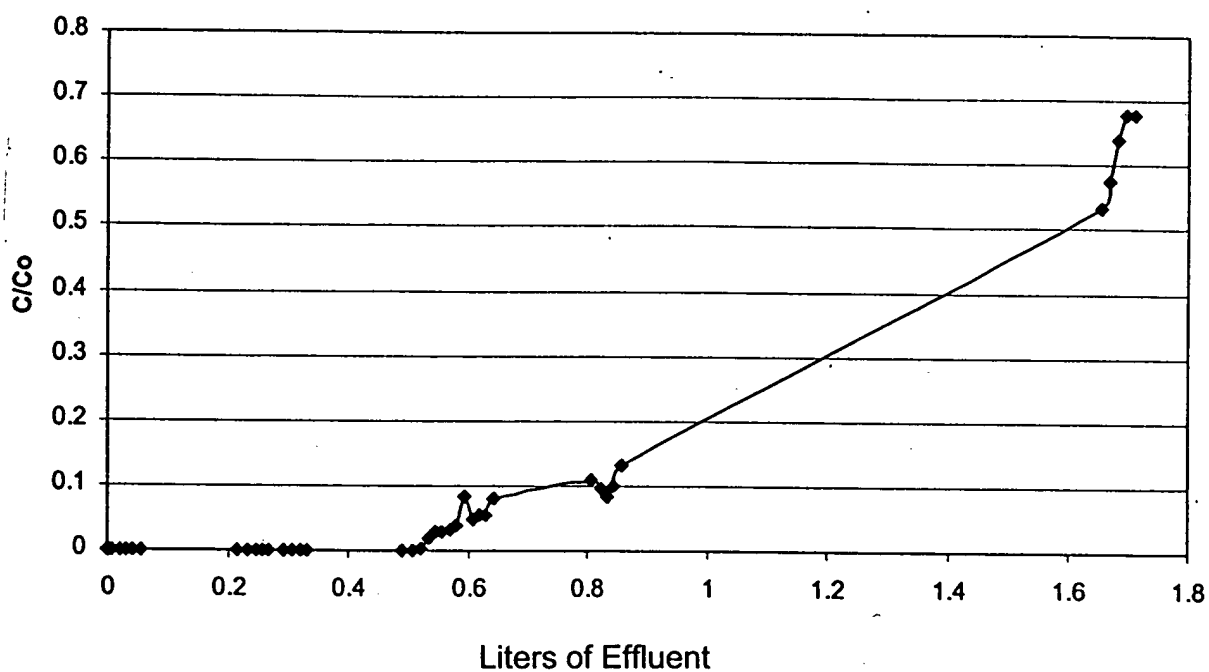
Figure 4



Cs-137 Breakthrough vs. Time
Blocks loaded with AMP, Feed at 2 BV/hr, 1.5 M HNO₃ and 1mg/L Cs.

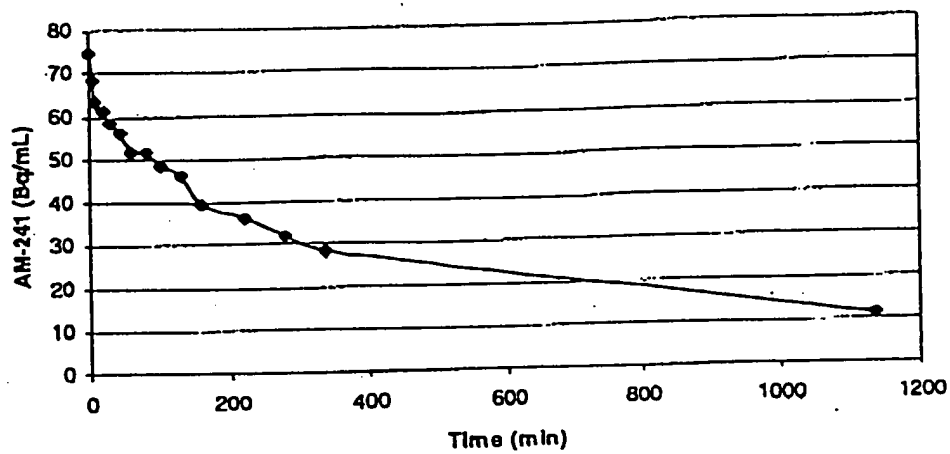
Figure 5

Conc. Of Cs-137 in effluent/conc. Of Cs-137 in original feed solution



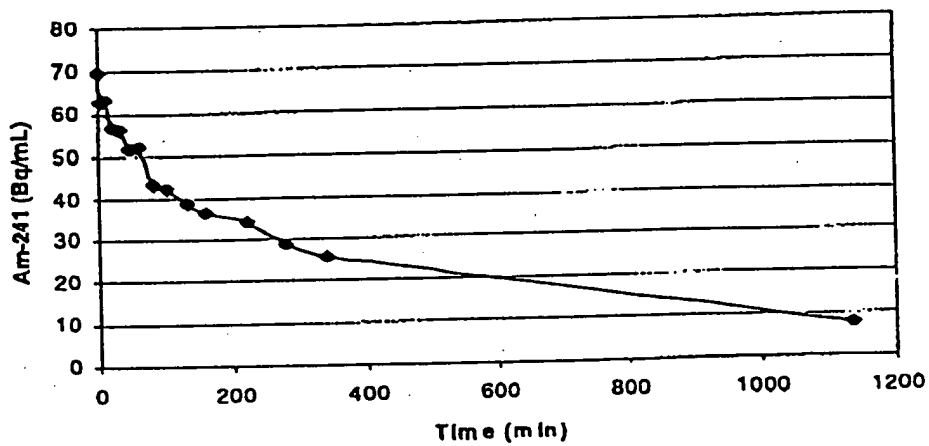
Cs-137 Fractional Breakthrough
Blocks loaded with AMP, Feed at 2 BV/hr., 1.5 M HNO₃ and 1 mg/L Cs.

Figure 6



Block Loaded with CMPO, in 2.5 M HNO₃ and 74 Bq/mL Am-241

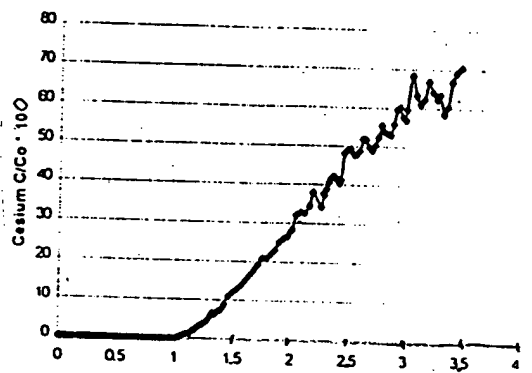
Figure 7



Block Loaded with CMPO, in 2.5 M HNO₃ and 70 Bq/mL Am-241

Figure 8

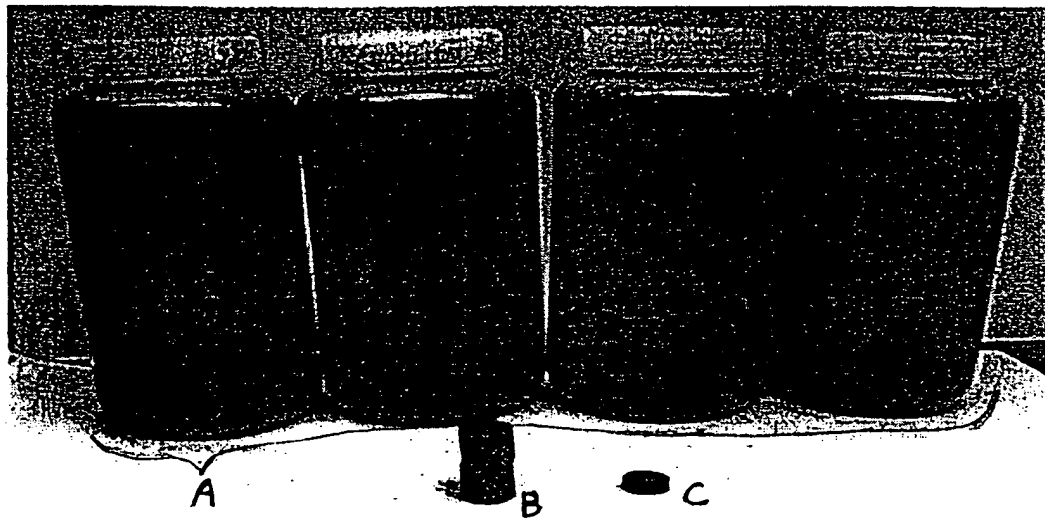
Conc. of ^{137}Cs in effluent x 100 (for %) feed conc. of ^{137}Cs



Liters of Effluent

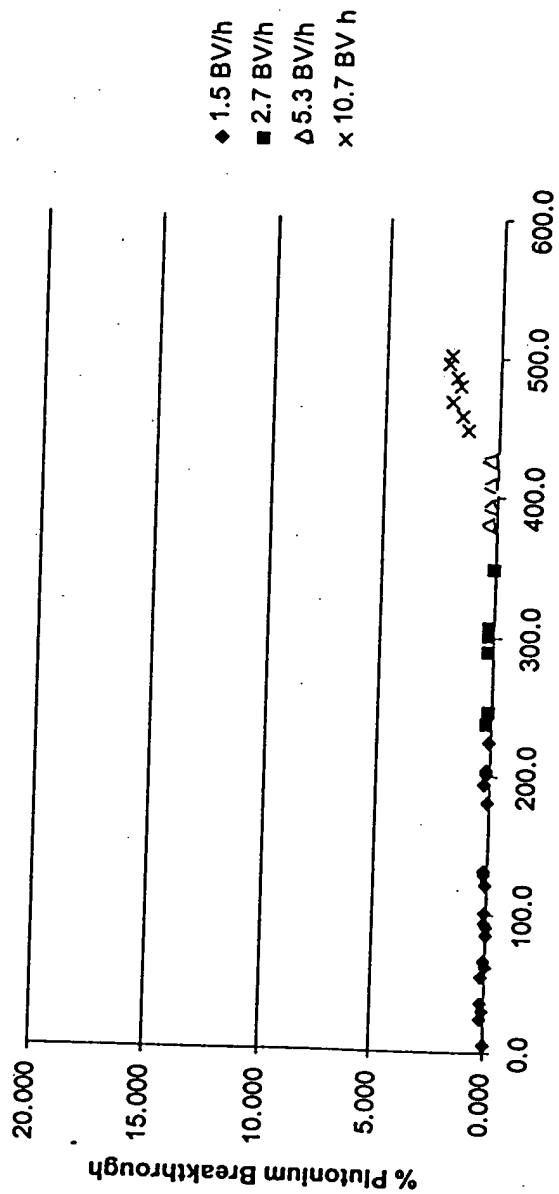
Acidic tank waste spiked with ^{137}Cs .
Blocks loaded with AMP.

Figure 9



Volume of tank waste treated (A)
Bed Material Blocks loaded with AMP (B)
HUPed bed material (C)

Figure 10



Bed Volumes Processed. Blocks loaded with CMPO.

Figure 11